

## CLAIMS

What is claimed is:

1. A battery comprising:
  - a battery cell;
  - circuit base board which is connected to terminals in the battery cell electrically via connection members;
  - a heat protecting element, disposed in the connecting members, in which electric resistance increases according to an increase in a temperature therein; and
  - a resin mold section which covers the circuit base board, the connecting members, and the heat protecting element so as to fix thereof on the battery cell, wherein
  - the heat protecting element is disposed so as to be separated from a surface of the battery cell via the resin mold section.
2. A battery according to Claim 1 wherein the heat protecting element is covered by a heat insulating member which has heat insulating characteristics to there outside.
3. A battery according to Claim 2 wherein the heat insulating member is a heat insulating sleeve which is provided an insertion section through which the heat protecting element can be inserted.

4. A battery according to Claim 1 wherein the connecting members are made of a metal plate.

5. A battery according to Claim 2 wherein the connecting members are made of a metal plate.

6. A battery according to Claim 3 wherein the connecting members are made of a metal plate.